IN THE DRAWINGS:

Figure 4B is proposed to be amended as indicated in red in the attached copy of Figure 4B.

IN THE CLAIMS:

Please cancel claims 37, 38, 50, and 51.

Please amend the claims as follows:

- (Amended) A method for automatically generating and sending a short message service (SMS) message to a subscriber in a mobile communications network in response to a change in location of the subscriber, the method comprising:
 - (a) receiving, at a telecommunications network element, a plurality of mobile call signaling messages;
 - (b) screening, at the telecommunications network element, mobile call signaling messages that relate to a change in location of a mobile subscriber;
 - (c) correlating the screened mobile call signaling messages based on at least one parameter in the mobile call signaling messages;
 - (d) generating a change in location indication message based on parameters extracted from the correlated mobile call signaling messages;
 - (e) sending the change in location indication message to a short message service center (SMSC);
 - (f) in response to receiving the change in location indication message by SMSC, generating an SMS message intended for the mobile subscriber; and
 - (g) sending the SMS message to the mobile subscriber.

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 (Amended) The method of claim 1 wherein receiving a plurality of mobile call signaling messages includes receiving a mobile application part (MAP) update location request message.

3. (Amended) The method of claim 1 wherein receiving a plurality of mobile call signaling messages includes receiving a mobile application part (MAP) insert subscriber data message.

- 4. (Amended) The method of claim 1 wherein receiving a plurality of mobile call signaling messages includes receiving a mobile application part (MAP) update location response message.
- 5. (Amended) The method of claim 1 wherein generating a change in location indication message includes generating the change in location indication message using a home location register Identifier (HLR ID) identifying a home location register (HLR) of the mobile subscriber.
- 6. (Amended) The method of claim 1 wherein generating a change in location indication message includes generating the change in location indication message using a visitor location register identifier (VLR ID) identifying a VLR currently serving the mobile subscriber.
- 7. (Amended) The method of claim 1 wherein generating a change in location indication message includes generating the change in location indication message using a mobile identification number (MIN), mobile directory number (MDN) or mobile subscriber ISDN (MSISDN) number.
- 8. (Amended) The method of claim 1 wherein generating a change in location indication message includes generating the change in location indication message using an international mobile station identity (IMSI) number.
- 9. (Amended) The method of claim 1 wherein generating a change in location indication message includes generating the change in location indication message using an MSC ID.

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10. (Amended) The method of claim 1 wherein generating a change in location indication message includes generating a change in location indication message including a date and a time.

- 11. (Amended) The method of claim 1 wherein generating an SMS message includes generating a message welcoming or greeting the subscriber or other type of message that a mobile communications network operator desires to send to a subscriber.
- 12. (Amended) The method of claim 1 wherein generating an SMS message includes generating at least one of: an advertisement, a weather report, hotel information, and other information that a mobile communications network operator wishes to send to the subscriber.
- 14. (Amended) A method for automatically generating and sending a short message service (SMS) message to a subscriber in a mobile communications network in response to a change in the location of the subscriber, the method comprising:
 - (a) receiving a plurality of mobile call signaling messages at a telecommunications network element;
 - (b) screening, at the telecommunications network element, mobile call signaling messages that relate to a change in location of a mobile subscriber;
 - (c) correlating the screened mobile call signaling messages;
 - (d) combining parameters extracted from the correlated mobile call signaling messages to generate an SMS message intended for the mobile subscriber; and
 - (e) sending the SMS message to the mobile subscriber.
- 15. (Amended) The method of claim 14 wherein receiving a plurality of mobile call signaling messages at a telecommunications network element includes receiving a mobile application part (MAP) update location request message.

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16. (Amended) The method of claim 14 wherein receiving a plurality of mobile call signaling messages at a telecommunications network element includes receiving a mobile application part (MAP) Insert subscriber data message.

17. (Amended) The method of claim 14 wherein receiving a plurality of mobile call signaling messages at a telecommunications network element includes receiving a mobile application part (MAP) update location response message.

- 18. (Amended) The method of claim 14 wherein combining parameters extracted from the correlated mobile call signaling messages to generate an SMS message includes using a home location register (HLR) identifier to generate the SMS message.
- 19. (Amended) The method of claim 14 wherein combining parameters extracted from the correlated mobile call signaling messages to generate an SMS message intended for the mobile subscriber includes using a visitor location register (VLR) identifier extracted from the correlated mobile call signaling messages to generate the SMS message.
- 20. (Amended) The method of claim 14 wherein combining parameters extracted from the correlated mobile call signaling messages to generate an SMS message intended for the mobile subscriber includes using at least one of a mobile identification number (MIN), a mobile directory number (MDN), and a mobile subscriber ISDN (MSISDN) number to generate the SMS message.
- 21. (Amended) The method of claim 14 wherein combining parameters extracted from the correlated mobile call signaling messages to generate an SMS message intended for the mobile subscriber includes using an international mobile station identity (IMSI) number extracted from the correlated mobile call signaling messages to generate the SMS message.
- 22. (Amended) The method of claim 14 wherein combining parameters extracted from the correlated mobile call signaling messages to generate an SMS message intended for the mobile subscriber includes using an MSC ID

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extracted from the correlated mobile call signaling messages to generate the SMS message.

- 23. (Amended) The method of claim 14 wherein combining parameters extracted from the correlated mobile call signaling messages to generate an SMS message intended for the mobile subscriber includes using a date and a time derived from the mobile call signaling messages to generate the SMS message.
- 24. (Amended) The method of claim 14 wherein the SMS message is a message welcoming or greeting the subscriber, or other message that a mobile communications network operator desires to send to a subscriber.
- 26. (Amended) A method for correlating mobile call signaling messages transmitted between a home location register (HLR) and a visitor location register (VLR) in response to a change in location of a subscriber, the method comprising:
 - (a) receiving, at a telecommunications network element, a plurality of mobile call signaling messages transmitted between an HLR and a VLR;
 - (b) screening, at the telecommunications network element, messages that relate to a change in location of a mobile subscriber;
 - (c) correlating the screened mobile call signaling messages based on one or more parameters in the mobile call signaling messages; and
 - (d) generating mobile call location update records based on the correlated mobile call signaling messages.
- 27. (Amended) The method of claim 26 wherein correlating the screened mobile call signaling messages based on one or more parameters in the mobile call signaling messages includes correlating the mobile call signaling messages based on a dialogue ID contained in the mobile call signaling messages.
- 28. (Amended) The method of claim 26 comprising comparing an HLR ID and a VLR ID in each screened mobile call signaling message and determining

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whether a subscriber is roaming in a foreign network in which the subscriber has not previously registered with a VLR based on the comparison.

- 29. (Amended) The method of claim 28 comprising, in response to determining that the subscriber is roaming in a foreign network in which the subscriber is not previously registered with a VLR, continuing correlation processing for the mobile call signaling messages.
- 30. (Amended) The method of claim 28 comprising, in response to determining that the subscriber is not roaming in a foreign network in which the subscriber is not previously registered with a VLR, stopping correlation processing for the mobile call signaling messages.
- 34. (Amended) A system for automatically generating and sending a short message service (SMS) message to a subscriber in a mobile communications network in response to a change in the location of the subscriber, the system comprising:
 - (a) a telecommunications network element for receiving a plurality of mobile call signaling messages and for screening mobile call signaling messages relating to a change in location of a mobile subscriber;
 - (b) a message processing platform operatively associated with the telecommunications network element for receiving the screened mobile call signaling messages, for correlating the mobile call signaling messages, and for generating a change in location indication message based on the correlated mobile call signaling messages; and
 - (c) a short message service center (SMSC) for receiving the change in ocation indication message from the message processing platform and for generating an SMS message intended for the mobile subscriber.
- 35. (Amended) The system of claim 34 wherein the telecommunications network element comprises a signal transfer point (STP).
 - (Amended) The system of claim 34 wherein the telecommunications network element comprises a signaling gateway routing node.

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- 39. (Amended) The system of claim 34 wherein the telecommunications network element comprises a visitor location register (VLR).
- 40. (Amended) The system of claim 34 wherein the telecommunications network element/comprises a home location register (HLR).
- 41. (Amended) The system of claim 34 wherein the owners or operators of an HLR in a home network of the mobile subscriber and the telecommunications network element are not the same.
- 42. (Amended) The system of claim 34 wherein the message processing platform is contained within the telecommunications network element.
- 43. (Amended) The system of claim 34 wherein the message processing platform is an external computing workstation coupled to the telecommunications network element.
- 45. (Amended) A system for automatically generating and sending a Short Message Service (SMS) message to a subscriber in a mobile communications network in response to a change in the location of the subscriber, the system comprising:
 - (a) a telecommunications network element for receiving a plurality of mobile call signaling messages and for screening mobile call signaling messages that relate to a change in location of a mobile subscriber; and
 - (b) a message processing platform associated with the signaling message routing node for correlating the screened mobile call signaling messages and generating a short message service (SMS) message intended for the mobile subscriber based on the correlated messages.
- 46. (Amended) The system of claim 45 wherein the telecommunications network element comprises a signal transfer point (STP).
- 47. (Amended) The system of claim 45 wherein the telecommunications network element comprises a signaling gateway.

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Rg	48. (Amended) The system of claim 45 wherein the telecommunications network
17(element comprises a visitor location register (VLR).
SUB	49. (Amended) The system of claim 45 wherein the telecommunications network
	element comprises an HLR.
·	52. (Amended) The system of claim 51 wherein the owners or operators of an
	HLR in a home network of the mobile subscriber and the telecommunications
	network element are not the same.
	53. (Amended) The system of claim 45 wherein the message processing platform
BIQ	is contained within the telecommunications network element.
543	54. (Amended) The system of claim 45 wherein the message processing platform
	is an external computing workstation coupled to the telecommunications
	metwork element.
	57. (Amended) A system for generating a message in response to a change in
	location of a mobile subscriber, the system comprising:
	(a) a telecommunications network signaling node for receiving mobile call
211	signaling messages and for screening selected mobile application part
Di	messages (MAP) transmitted between a home location register and a
543	visitor location register in response to a change in location of a mobile
	subscriber; and
	(b) a message processing platform operatively associated with the
	signaling node for receiving the screened MAP messages, correlating
	the screened MAP messages, and generating a change in location
	indication message based on the correlated MAP messages.
	Please add the following new claims:
01	60. (New) The method of claim 1 wherein receiving a plurality of mobile call
SCID	signaling messages at a telecommunications network element includes
RIN	receiving a plurality of mobile call signaling messages at a signal transfer point
	and routing the mobile call signaling messages to their intended destinations.